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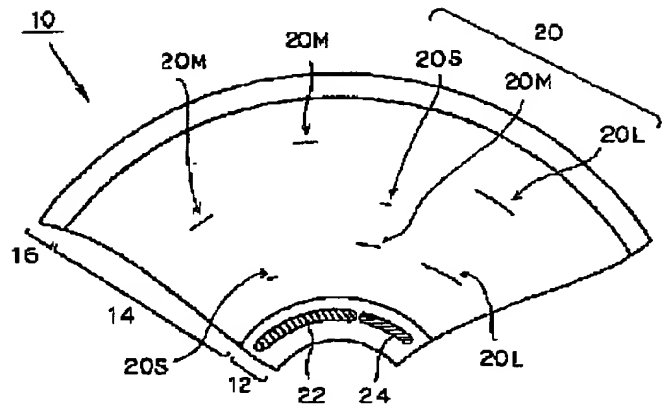
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INT.CL. : G11B 20/10 G06F 12/14 G11B 7/00
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TITLE : DISK, DISCRIMINATING METHOD AND
DEVICE THEREOF AND
REPRODUCING DEVICE THEREOF



ABSTRACT : PROBLEM TO BE SOLVED: To prevent fraudulent copying by satisfactorily discriminating it and to realize the firm security by the various security information while being able to cope with by the simple equipment.

SOLUTION: Plural errors 20 are recorded in the data region 14. The errors 20 include long errors 20L, medium errors 20M and short errors 20S. The contents of these errors 20 are recorded on the read-in area 12 as a table 22 for an error map and a table 24 for the number of errors, thereby the contents of the errors are managed. When the disk is copied, a part of the errors 20 is corrected and the number of them is decreased, but the error tables 22, 24 are copied as they are. Therefore, the number of errors becomes different from the contents of the tables, and the disk is thereby discriminated.

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